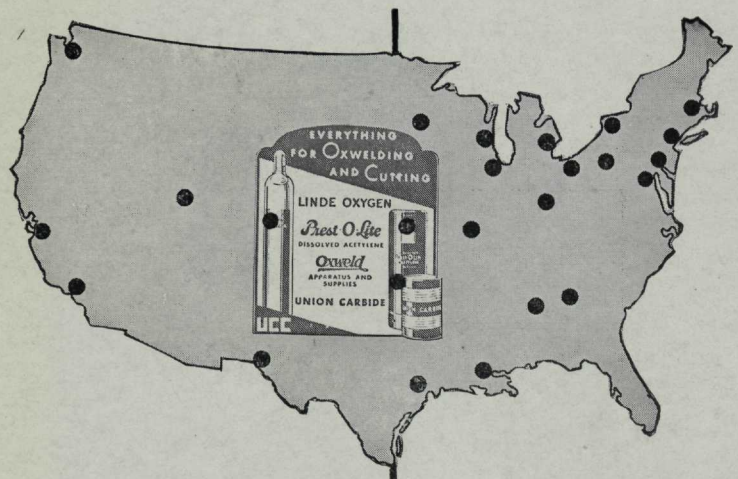
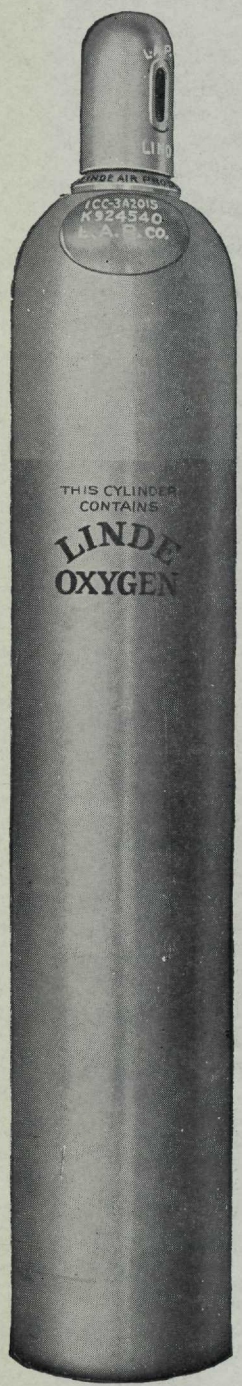


from COAST to COAST



LINDE PROCESS SERVICE IS WITHIN ECONOMICAL 'PHONING DISTANCE

EVERY user of Linde Oxygen is privileged to call upon Linde Process Service for assistance or advice through any of the 25 Linde District Offices.

Linde Process Service, with its unequalled background of scientific research and field experience, offers every facility for most effective use of oxy-acetylene welding and cutting. Here are some of the things it has done.

In the State of Washington, it developed a Procedure Control for welding band saws, thus saving the lumber industry thousands of dollars in replacement costs.

In Iowa, it showed a hosiery mill how to alter forms used in the manufacture of silk stockings, and helped save a capital expenditure of $16,000.

In New York, it showed a manufacturer how to apply iridium to fountain pen points economically and without waste.

Tomorrow's engineers will be expected to know how to apply the oxy-acetylene process of welding and cutting metals. For their assistance, we have prepared several interesting technical booklets explaining how this modern metal-working process is used in the design, construction, and fabrication of metal parts and structures. These books contain newer and more practical material than most texts and will form a helpful addition to your personal library. Write to us and we will send them to you without charge.

THE LINDE AIR PRODUCTS COMPANY

Unit of Union Carbide and Carbon Corporation

126 Producing Plants UCC 627 Warehouse Stocks

IN CANADA, DOMINION OXYGEN COMPANY, LTD., TORONTO

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Baltimore	El Paso	Philadelphia
Birmingham	Houston	Pittsburgh
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Cleveland	Milwaukee	Seattle
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THYRITE
—a paradox

IN search for a material with the characteristics of both an insulator and a conductor, General Electric engineers developed Thyrite.

Thyrite, from the Greek word for "gate," is a new ceramic compound, 50 per cent stronger than granite. Its outstanding characteristic of changing automatically from an insulator to an excellent conductor requires only an increase in applied voltage. Passage of current through it conforms to a definite law. Its performance, exactly the same with direct or alternating voltage, slow or fast impulse, is unchanging.

The performance of lightning arresters using Thyrite can be predicted accurately for any operating condition.

The development of Thyrite was accomplished by college-trained General Electric engineers —a typical achievement in one of the countless fields for electrical activity. Preliminary experience in the Testing Department, where younger men are in training, is a valuable preparation for responsible positions and future success.

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